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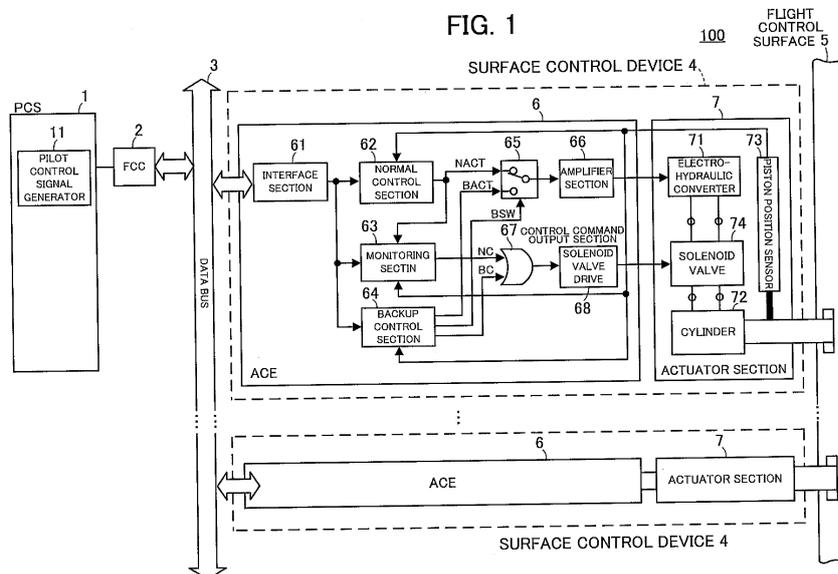
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(54) **Flight control system**

(57) A flight control system (100) for an aircraft includes a PCS (1) generating a pilot control signal based on pilot operations of a stick control and others, an FCC (2) for controlling flight control surfaces of the aircraft, a surface control device (4) arranged for each flight control surface (5) to control it based on a surface control signal transmitted from the FCC, and a data bus (3) for connecting the FCC and the surface control device. The surface control device includes an ACE (6) executing servo

calculation process and outputting an actuator operation signal, and an actuator section (7) for controlling hydraulic oil supplied to a hydraulic cylinder based on the actuator operation signal. A single flight control surface is controlled by a plurality of ACE and actuator section pairs, and the ACE includes a normal control section (62), a monitoring section (63), a backup control section (64), and the like.





EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims				
Place of search Munich		Date of completion of the search 20 October 2014	Examiner Polednicek, Milos	
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